

TISHA MAZUMDAR

PROJECT MANAGER

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PROFESSIONAL SUMMARY

Technically adept Project Manager with expertise in AI/ML, software engineering, and agile methodologies. Proven success in leading cross-functional teams, product integration, and operational optimization. Skilled in project tracking, strategic planning, and driving innovation to deliver impactful results.

EXPERIENCE

Pilomation

Feb 2025 – Present

Junior Management Intern

- Coordinated cross-functional teams to streamline workflows, track progress via Taiga, and ensure timely execution of departmental initiatives.
- Led structured team meetings, facilitating discussions, tracking deliverables, and optimizing internal communication for efficient decision-making.

Nucleo Research, Inc.

Oct 2024 – Jan 2025

Chief of Staff

- Coordinated cross-functional teams to execute initiatives on time and within budget, enhancing operational efficiency by 20%.
- Directed strategic planned and streamlines decision-making processes, impacting company-wide objectives.

Nucleo Research, Inc.

Aug 2024 – Oct 2024

Project Manager

- Managed 4+ teams across different projects, led integration into a single product, and ensured seamless collaboration through weekly meetings and daily progress tracking while reporting directly to the CEO.

Phia

Sep 2024

Product Evaluator

- Tested beta software, ensuring functionality and user experience met standards.
- Provided actionable feedback to enhance product performance and usability by 20%.

Headstarter

Jul 2024 – Sep 2024

Software Engineering Fellow

- Built 5+ end-to-end SaaS products, participated in weekly hackathons, and collaborated with startup companies to solve real-time problems, enhancing practical skills and industry knowledge.

Pixstory

Jun 2024

Research Associate Fellow

- Researched and authored daily posts on emerging trends.
- Implemented SEO strategies to optimize content visibility and engagement, increasing reach by 20%.

Internshala

Dec 2023 – Jan 2024

Student Partner

- Facilitated student upskilling through training and webinars.
- Assisted students in finding internships, contributing to a 15% increase in internship placements.

SKILLS

- | | | |
|----------|--------------|-------------------------|
| • Python | • Java | • HTML, CSS, JavaScript |
| • Agile | • Office 365 | • Google Suite |
| • Canva | • Leadership | • Communication |

EDUCATION

BTech CSE GD Goenka University	2022 – Present
MS in CS CESI, France Semester Exchange Program [Year 3 Semester 5]	Aug 2024 – Dec 2024
XII (CBSE) The Indian Heights School	2022
X (CBSE) The Indian Heights School	2020

MAJOR ACADEMIC PROJECTS

Employee Attrition Prediction and Analysis

Python

- Developed a machine learning pipeline to predict employee attrition by merging and preprocessing raw datasets, and evaluated 4 classification models to identify the most effective based on key performance metrics.

Delivery Route Optimization

Python

- Designed an algorithmic solution to minimize delivery travel time by optimizing routes and start times using genetic and ant colony optimization algorithms under variable traffic conditions.

Cortex

Voiceflow, HTML, CSS, JavaScript, Claude

- Developed an AI chatbot that provides accurate and relevant responses specifically about Headstarter, utilizing a curated knowledge base and Retrieval-Augmented Generation (RAG).

Inventori

HTML, Tailwind CSS, ReactJS, Firebase

- Developed a full-stack web app to track and manage pantry inventory.
- Implemented user-friendly features for adding, editing, and categorizing items with real-time updates.

Game of Life

Python

- Developed a Pygame-based replica of John Conway's cellular automaton.
- Created visually engaging simulations with user-defined patterns and rules.

A Comparative Analysis of Machine Learning Models for Real-Time Flood

Python

- Analyzed a large flood dataset (4,84,366 instances) to enhance flood intensity prediction.
- Presented findings at an international conference, showcasing the application of diverse ML models.

POSITION OF RESPONSIBILITY

Publication Club | GD Goenka University
Vice President

Aug 2023 – May 2024

- Coordinated AVLOKAN 2.0, an Inter-University competition with over 50 participants.
- Organized Mind Jiu-Jitsu, an Intra-University trivia competition, boosting student participation by 30%.
- Led the Rahasya event, a Bollywood-themed murder mystery, enhancing team collaboration skills.

Class Representative | GD Goenka University
BTech CSE [Core]

Sep 2022 – Present

- Represented a class of 70+ BTech CSE students, ensuring effective communication between students and faculty.
- Supported integration of 10+ international students, fostering inclusivity and addressing unique challenges.

CERTIFICATIONS

Tata <i>Data Visualization: Empowering Business with Effective Insights</i>	Feb 2025
Accenture Nordics <i>[Technical] Consultant Job Simulation</i>	Jan 2025
Accenture Nordics <i>Software Engineering Job Simulation</i>	Jan 2025
Google <i>Google AI Essentials</i>	Oct 2024
IBM SkillsBuild <i>Fundamentals of Project Management</i>	Jul 2024
Microsoft <i>Fundamental AI Concepts Badge</i>	Jun 2024
Elite NPTEL Online Certification <i>Principles of Management</i>	Apr 2024
Elite NPTEL Online Certification <i>Programming, Data Structures, and Algorithms Using Python</i>	Sep 2023
Coursera <i>Introduction to Augmented Reality and ARCore</i>	Sep 2023

EXTRACURRICULAR ACTIVITIES

Institut Fédéral de Volley-ball, Toulouse <i>Volunteer</i>	Nov 2024
Headstarter <i>Top Headstarter Team for Track B</i>	Sep 2024
4th International Conference on Engineering, Social Sciences and Humanities (ICESSU-2024) <i>Virtual Presentation</i> <i>A Comparative Analysis of Machine Learning Models for Real-Time Flood Prediction</i>	Apr 2024
Inter-Disciplinary Project 2023-2024 GD Goenka University	Apr 2024

Best Track and Best Performance Award
Recognition received for research paper titled "A Comparative Analysis of Machine Learning Models for Real-Time Flood Prediction."

Dean's List 2024
1st Topper in Bachelor of Technology

Prizm Fashion Inter-University Competition | GD Goenka University Sep 2023
1st Position – Group

International Conference on Multidisciplinary Approaches in Forensic Science (ICMAFS) Dec 2022
3rd Best Oral Presentation
Admissibility of Computer Evidence in Criminal Cases

LANGUAGES

- English
- Hindi
- Bengali
- French

HOBBIES

- Travelling
- Learning Languages
- Fashion Shows
- Writing Poetry

RECOMMENDATIONS

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